SPECIFICATIONS

PREAMPLIFIER SECTION

Input Impedance . . . . . 25 kΩ

Main Output Impedance . . . . . 300 Ω

Record Output Impedance . . . . . 51 Ω

Rated Input . . . . . 1.0 Vrms

Maximum Input . . . . . 4.0 Vrms

Rated Output (100 kΩ load) . . . . . 1.0 Vrms

Minimum Load . . . . . 5 kΩ

Maximum Output . . . . . 3.3 Vrms

Headphone Output . . . . . 60 mW into 32 Ω at 0.2% THD+N

Volume Range . . . . . -80.0 to +8.0 dB in 0.5 dB increments

Crossover

- High-Pass Slope . . . . . 12 dB/octave (2nd order) Butterworth
- Low-Pass Slope (Subwoofer) . . . . . 24 dB/octave (4th order) Linkwitz-Riley
- Crossover Frequency . . . . . 80 Hz

Tone Control

- Bass Center Frequency . . . . . 100 Hz
- Treble Center Frequency . . . . . 6 kHz
- Range . . . . . ±12 dB in 2 dB increments

Channel Separation (at 1 kHz) . . . . . 94 dB

Crosstalk Between Inputs (at 1 kHz) . . . . . 86 dB

Frequency Response and **Bandwidth**

- Main Outputs . . . . . 20 Hz to 20 kHz ±0.2 dB, 1 Hz to 120 kHz +0, -3 dB
- Record Outputs . . . . . 10 Hz to 20 kHz +0, -0.2 dB, DC to 150 kHz +0, -3 dB

THD+N (1 kHz, rated input and output, 80 kHz BW)

- Main Outputs 0.005%
- Record Outputs 0.001%

IMD (CCIF at 15 kHz & 16 kHz)

- Main Outputs 0.002%
- Record Outputs 0.001%

S/N Ratio (A-weighted)

- Main Outputs . . . . . 100 dB
- Record Outputs . . . . . 112 dB

SPECIFICATIONS continued ...

FM TUNER SECTION

Sensitivity
- 50 dB S/N . . . . . 13 dBµ typ., 25 dBµ max.
- IHF . . . . . 10 dBµ typ., 20 dBµ max.

S/N Ratio
- Mono . . . . . 75 dB typ., 65 dB min.
- Stereo . . . . . 69 dB typ., 60 dB min.

Distortion
- Mono . . . . . 0.2% typ., 1.0% max.
- Stereo . . . . . 0.3% typ., 1.5% max.

Stereo Separation . . . . . 40 dB typ., 25 dB min.

Adjacent Channel Selectivity (±400 kHz) . . . . . 70 dB typ., 60 dB min.

Frequency Response . . . . . 25 Hz to 15 kHz +0, -2 dB

AM TUNER SECTION

Sensitivity (20 dB S/N) . . . . . 49 dBµ typ., 56 dBµ max.

S/N Ratio . . . . . 50 dB typ., 43 dB min.

Distortion . . . . . 0.7% typ., 2.0% max.

One Signal Selectivity (±10 kHz) . . . . . 24 dB typ., 18 dB min.

CONTROL

Infra Red Remote
- Carrier Frequency . . . . . 38 kHz
- External Receiver Input Jack . . . . . 3.5 mm mono

Trigger Output
- Jack . . . . . 3.5 mm mono (tip positive, sleeve ground)
- Maximum Output . . . . . 50 mA at 12 VDC

POWER REQUIREMENTS

Supply Voltage . . . . . 105-130 V, 60 Hz

Power Consumption . . . . . Maximum 25 W

Fuse Rating (Fuse is internal) . . . . . 500 mA slow-blow 5x20mm

DIMENSIONS

Width . . . . . 17 1/4 inches (43.8 cm)

Height . . . . . 4 1/8 inches (10.5 cm)

Depth . . . . . 11 1/4 inches (28.6 cm)

Weight . . . . . 14 lbs. (6.4 kg)

Audio measurements were performed with an Audio Precision System Two. Specifications and features are subject to change without notice as design improvements are incorporated.

WARRANTY

CANADA & USA

Anthem Electronics warrants to the original purchaser that each Anthem TLP 1 is free from defects in workmanship and materials, during normal use and service, for a period of five (5) years from the date of sale (one year for the remote control). This warranty is not transferable unless the product is traded-in with an Authorized Anthem Dealer. During the warranty period, Anthem Electronics will repair or replace any defective components free of charge.

Warranty is void if the Anthem product is not purchased from an Authorized Anthem Dealer, if the serial number has been removed, altered, or defaced, if the product has been operated or handled other than in accordance with the instructions in its Operating Manual or otherwise abused, misused, damaged by accident or while in transport, tampered with, modified, or repaired by anyone other than Anthem Electronics or an authorized Anthem Electronics service center. If inspection by Anthem Electronics discloses that the repair required is not covered by this warranty, regular repair charges shall apply.

Display products sold by an Authorized Anthem Dealer are covered under the same warranty terms, except that the warranty period commences from the date of the dealer invoice, not the purchaser's invoice, and cosmetic flaws, if there are any, are excluded.

If a problem or defect is discovered in your Anthem product, please contact your Authorized Anthem Dealer. It is the Dealer's responsibility to determine the nature of the problem and arrange for the appropriate replacement parts, or the return of the product to Anthem Electronics.

A Return Authorization (RA) number must be obtained from Anthem Technical Support before any product can be returned to Anthem Electronics for any reason. The RA Number must be clearly visible on the outside of the shipping carton for Anthem Electronics to accept the return. Product shipped to Anthem Electronics without a RA Number will be refused and returned to the sender, freight collect. Product shipped to Anthem Electronics for repair must have shipping and insurance prepaid by the sender, be packaged in the original carton and packing material, and should be accompanied by a written description of the defect. Anthem Electronics will accept no responsibility for any damage occurring to a product that is shipped in any type of carton and packing material other than the original carton and packing material.

To receive service under warranty, an accompanying copy of the original sales receipt is required. Product repaired under warranty will be returned with shipping and insurance prepaid by Anthem Electronics (within Canada and USA only). All other repairs are subject to charges for labor, parts, return shipping, and insurance.

Disclaimer of Liability

Under no circumstances does Anthem Electronics assume liability or responsibility for injury or damages sustained in the use or operation of Anthem products, or for damages to any other connected products.

In no event shall Anthem Electronics, its agents, representatives, or employees, be responsible for any incidental or consequential damages. Some jurisdictions do not allow limitations of incidental or consequential damages, so this exclusion may not apply to you.

Anthem Electronics reserves the right to make design changes or improvements to products without any obligation to revise prior versions. All specifications are subject to change without notice.

On the expiration of the warranty period all liability of Anthem Electronics in connection with the product shall terminate.

This warranty constitutes the only warranty applicable to products sold by Anthem Electronics. No other warranty or condition, statutory or otherwise, expressed or implied, shall be imposed upon Anthem Electronics, nor shall any representation made by any person, including a representation by a representative or agent of Anthem Electronics, be effective to extend the warranty coverage provided herein.

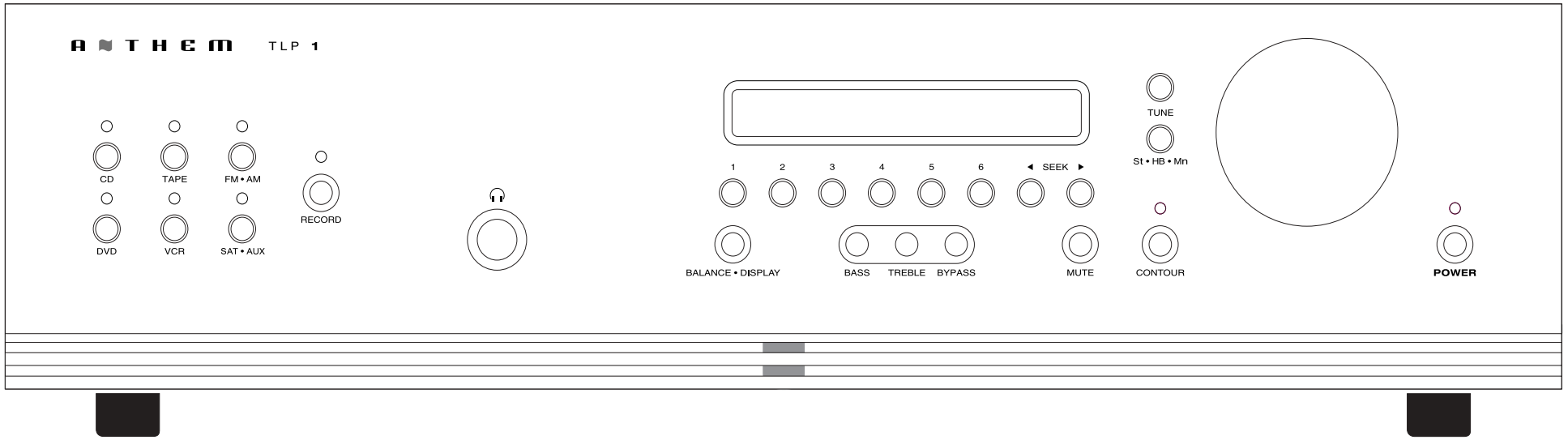
Frequently Asked Question: Is there a warranty on trade-ins?

The balance of the warranty can be transferred on used product only if the product is traded-in at an Authorized Anthem Dealer, who may resell the product with the remaining warranty if it is cosmetically acceptable, in perfect working condition, and has not been internally or externally altered in any way.

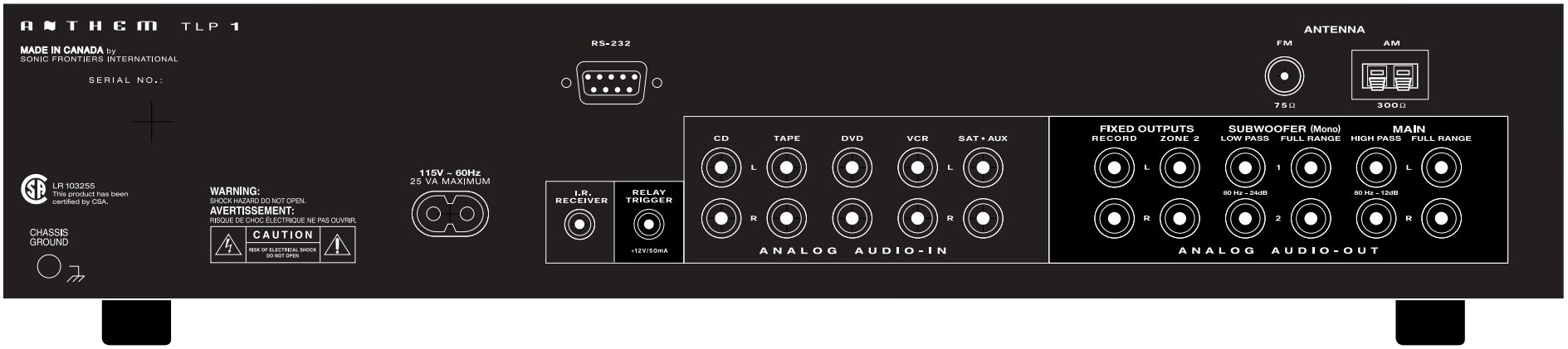
INTERNATIONAL

Outside of Canada and USA, warranty coverage terms are set and maintained by the Authorized Anthem Distributor, not Anthem Electronics. Exact terms and conditions may vary. Anthem Electronics will provide warranty replacement parts to the original purchaser of the product, via the distributor, for a period of five (5) years, via surface mail. Additional courier freight charges will apply.

THE BIG PICTURE **FRONT PANEL**



THE BIG PICTURE **REAR PANEL**



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